Michigan Clean Diesel Program (DERA) 2022 Request for Proposal

Irene Queen

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Agenda

- Michigan Clean Diesel Program and eligibilities
- Project funding levels and requirements
- Elements of a complete application
- Question and answer

Disclaimer- All application requirements can not be addressed in this webinar. Please go the Michigan Clean Diesel website www.Michigan.gov/EGLEcleandiesel to determine eligibility and to find the list of requirements for a complete application.

Particulate Matter (PM) 2.5

Harmful effects from older diesel vehicles

- Hazards of Particulate Matter smaller than 2.5
 - Lungs
 - Can carry pollutants in air directly to bloodstream
 - Lighter particles remain suspended longer
 - Black carbon is a short-lived but powerful influence on climate

Oxides of Nitrogen

Harmful effects from older diesel vehicles

- Initiator of many damages
 - Combines with heat and sunlight and volatile organic compounds (VOC) to form ground level ozone
 - Ozone can trigger
 - coughing, throat irritation, and congestion.
 - can worsen bronchitis, emphysema, and asthma.
 - can reduce lung function
 - inflame the linings of the lungs.
 - Repeated exposure may permanently scar lung tissue

U.S. EPA, DERA, EGLE Air Quality and Michigan Clean Diesel Program Priorities

- Truck stops, ports, rail yards, terminals, construction sites, and school bus depots/yards
- Adoption of zero emission and alternate fueled vehicles, engines, and equipment
- National Ambient Air Quality Standards (NAAQS)
- Support communities with established emission reduction plans

- Increase awareness among residents of the health impacts of PM2.5 and ozone (O3)
- Economic growth and innovation
- Environmental Justice
- High asthma burden areas
- Urban counties

(See RFP for complete list)

Michigan Clean Diesel Program 2022 Request for Proposal (RFP)

- EGLE administers federal funding authorized by the Diesel Emissions Reduction Act (DERA) To support the U.S. EPA and DERA National Program Priorities, and EGLE Air Quality Program priorities
- \$325,150. available Grant requests must be \$25,000 to \$325,150. (not including match)
- Matching funds from 40% to 65% are required.
- Application must be submitted before 5 pm, February 18, 2022
- Projects must be complete by August 31, 2023

www.Michigan.gov/EGLEcleandiesel



Application open now through February 18, 2022 www.Michigan.gov

/EGLECleanDiesel

- These are reimbursement-based grants
- Old vehicles or engines must be properly decommissioned with documentation
- Projects can start once the grant agreement is signed by the Grantee and EGLE
- All projects must be completed by August 31, 2023
- \$325,150

Clean Diesel Program Eligibility

- Cities, townships, and villages
- County government agencies
- Transit agencies
- Port authorities
- Public school districts
- Private schools
- Non-profit organizations or institutions
- Private business and industry
- All applicant and partner entities must have continuous and ongoing business operations that include a physical location in Michigan.

Application open now through February 18, 2022

www.Michigan.gov/EGLECleanDiesel



On Road Vehicles

- The existing vehicle must be fully operational
- The participating fleet owner must have owned and operated the vehicle during the 2 years prior to upgrade
- The existing vehicle must have at least
 3 years of remaining life at the time of upgrade
- Highway Usage: 7,000 miles/year during 2 years prior to upgrade.
 School Buses may use mileage from calendar year (Jan-Dec) 2019.

Nonroad, Locomotive, and Marine Usage

- Agricultural Pumps: 250 hours/year during 2 years prior to upgrade.
- All Other Nonroad Engines: 500 hours/year during 2 years prior to upgrade.
- Locomotive and Marine Usage: 1,000 hours/year during 2 years prior to upgrade.

from
Some key changes from last year

To meet usage requirements, mileage/hours from multiple units can be summed if those units will be scrapped and replaced with a single unit



Eligible
Vehicles,
Engines,
Equipment

From these diesel emission sources:

- School Buses and Transit Buses
- Medium-duty or heavy-duty trucks
- Marine Engines
- Locomotives
 And nonroad diesel engines,
 equipment, or vehicles used in:
- Construction
- Handling of cargo (including at a port, airport or train yard)
- Agriculture
- Mining



Types of diesel vehicles/engines which can be eligible for replacement >>

In addition:

- **Marine Engines**
- Locomotives

Class Five: 16,001 to 19,500 lbs.







Class Six: 19,501 to 26,000 lbs.











Rack

Class Seven: 26,001 to 33,000 lbs.



City Transit Bus





Home Fuel







Class Eight: 33,001 lbs. & over















Fire Truck













Up to 35% of the cost of replacing a diesel vehicle or equipment with alternative fuel (e.g., CNG, propane) vehicle or equipment (EMY 2019 or newer) that is certified to CARB's Optional Low-NOx Standards

Vehicle or Equipment Replacement

 Up to 45% of the cost of replacing a diesel vehicle or equipment with vehicle or equipment with a zero-tailpipe emissions power source

www.epa.gov/dera/state

How to Identify Low NOx Certified Engines: Diesel Emissions Reduction Act (DERA) Grants - Fact Sheet (EPA-420-F-21-002, January 2021)



Up to 50% of the cost of replacing a diesel engine with alternative fuel (e.g., CNG, propane) engine (EMY 2019 or newer) that is certified to CARB's Optional Low-NOx Standards

Engine Replacement

 Up to 60% of the cost (labor and equipment) of replacing a diesel engine with a zero-tailpipe emissions power source engine.

Zero tailpipe emissions engine, vehicle, or equipment replacements do not require CARB certification.



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MATERIALS MANAGEMENT DIVISION

MICHIGAN CLEAN DIESEL PROGRAM

BUDGET PROPOSAL FORM

Applicant Name: Your na

Project Name: Your project name

Tracking Code Number: TBD

_	EQUIPMENT, VEHICLE, OR ENGINE	QUANTITY	COST	% of FUNDING	GRANT AMOUNT	MATCH AMOUNT		TOTAL
\dashv	Vehicle or Equipment Replacement with CARB	QUARTITI	0001		ANIOUNT	 AMOON		IOIAL
							١.	
_	Certified Low NOx Engine	1.0	\$ 100,000.00	35.0%	\$ 35,000.00	\$ 65,000.00	\$	100,000.00
	Engine Replacement with CARB Certified Low NOx							
	Engine	1.0	\$ 100,000.00	50.0%	\$ 50,000.00	\$ 50,000.00	\$	100,000.00
	Vehicle or Equipment Replacement with Zero-tailpipe							
	Emission Power Source	1.0	\$ 100,000.00	45.0%	\$ 45,000.00	\$ 55,000.00	\$	100,000.00
	Engine Replacement with Zero-tailpipe Emission Power							
	Source	1.0	\$ 100,000.00	60.0%	\$ 60,000.00	\$ 40,000.00	\$	100,000.00
					\$ -	\$ -	\$	-
					\$ -	\$ -	\$	-
					\$ -	\$ -	\$	-
					\$ -	\$ -	\$	-

GRANT AND MATCH BUDGET

New engine model year (EMY) must be 2019 or newer (Drayage 2015 or newer)

Please see the Low-NOx Engine Factsheet found at www.epa.gov/dera/state for guidance on identifying engines certified to meet CARB's Optional Low NOx Standards.



Department of Environment, Great Lakes, and Energy

Michigan Clean Diesel Program FY 2022 Request for Proposal Cover

Sheet

Project Name: Project Name Amount of Grant: \$000,000.00
Amount of Match: $000,000.00 = 00.00$ percent Project Total: $000,000.00$ (grant plus match)
Estimated Project Start Date: End Date: August 31, 2023
Project Manager Name/Title:
Organization Name:
Organization Street Address:
Address:
Telephone Number:
Fax Number:
Organization E-mail Address:
Project Manager E-mail Address:
Federal ID Number (Required):
DUNS Number (Required):
Applicant Type (public or private agency):
Fleet or Equipment Type:
Project Impact Area (city, township, county, or region impacted by project):
Environmental Justice Index - EJSCREEN: Environmental Justice Screening and Mapping Tool US EPA (attach table)
The individual signing below certifies that they are authorized to sign this application on behalf of their agency and has the authority to accept a grant.
Signature Date
Name/Title



Department of Environmental Quality FY 2022 Michigan Clean Diesel Program Request for Proposal

Grant Proposal Template

Project Name:	
Applicant/Organization's Name:	
City:	
County:	

I. Project Summary

In no more than one page, describe the project goals and objectives, how your project will prevent or reduce diesel emissions, and how your project will create long term change that will continue after the project is completed.

Work Plan

Describe how the project meets the goals and priorities of the RFP. Include a brief description of what will be done during the project period and the anticipated outcome of the project. The description should incorporate the following information:

- The way in which the project will achieve a significant prevention or reduction of diesel emissions.
- A description of the area(s) that will benefit from reduced diesel emissions.
- The reason the project's area is being targeted for this project (i.e., air quality status, high diesel engine traffic, large population near roadways, children's exposure to diesel emissions, etc.).
- An overview of the type of fleet identified for the project, including the total number of verified vehicles or equipment to be replaced in this project.
- Information on whom or what organization(s) will retain ownership of the vehicles and/or equipment purchased with funding from this project.

III. Project Staff and Partner Roles and Responsibilities

Describe in narrative form the organizational staff and staff from associated partners that will be involved with the project: their role and responsibility with the project, their expertise/qualifications and knowledge, and the resources that will be used to assist in the successful completion of the project.

Use the table below to list project staff, their title, affiliated organization, and their role/responsibility with the project. Add more rows if necessary.



Grant Proposal Template

Staff Table

Name of Project Staff	Title of Staff	Organization	Role/Responsibility

IV. Timeline with Description of Tasks and Name of Person Responsible for Task and Deliverable

Using the table below, enter the project tasks for each month, the person(s) responsible to complete each task, and the deliverable associated with each task. Add more rows if necessary.

Timeline Table

Anticipated Timeline for Project Completion by Month	Task	Person Responsible	Deliverable



V. Anticipated Outputs

The term "output" means an environmental activity, effort, and/or associated products related to an environmental goal and objective that will be produced or provided over a, period, of time or by a specific date. Outputs may be quantitative or qualitative but must be measurable during the grant funding period. Describe the anticipated outputs from the project to be funded under this solicitation which may include, but are not limited to the following:

- Number and type of new vehicles/equipment purchased.
- Dissemination of project/technology information via press release, Websites, and outreach events.
- Amount of grant and match funds expended on the project.
- Quarterly progress reports and final report.

Using the Outputs Table below, enter the information requested. Add more rows if necessary.

Outputs Table

Fleet Type	Fleet Owner	Industry	Technology	Total Number of Engines Affected

VI. Outcomes - Short, Medium, and Long-Term

The term "outcome" means the result, effect, or consequence that will occur from carrying out an environmental program or activity that is related to an environmental or programmatic goal or objective. Outcomes may be environmental, behavioral, health-related, or programmatic in nature, but must be quantitative. Briefly describe how you will track and measure your progress toward achieving the expected environmental outcomes of the project throughout the grant period and include a description of project outcomes resulting from the project outputs. Examples of short- term and medium-term outcomes from projects funded under this solicitation may include, but are not limited to the following:

- Net reduction in annual pounds or tons of particulate matter (PM2.5), oxides of nitrogen (NOx), greenhouse gases (GHG) such as carbon dioxide (CO2) and black carbon, and/or volatile organic compounds (VOCs).
- Net reduction in gallons of diesel fuel used.
- An increased understanding of the environmental effectiveness of the implemented technology.
- Cost effectiveness of project (in \$/ton or \$/pound).



Long-term Outcomes: Briefly describe long term outcomes from this project. These may include but are not limited to:

- Improved ambient air quality.
- Health benefits achieved.
- Documented improved ambient air quality, including anecdotal testimony from populations of concern.
- The applicant, or their partner's investment in transportation, environmental protection, and other activities that will provide long-term environmental and health benefits.

Using the U.S. EPA's Diesel Emissions Quantifier, complete the Outcomes Table below.

Outcomes Table

Type of Pollutant		Lifetime Emissions Reductions (tons/year)							
NOx									
PM									
HC									
co									
CO2									
Amount of grant funding used for project activities: \$									
Estimated amount of fuel saved: gallons per year.									

Source of Cost Effectiveness Calculations:

VII. Performance Measures

The applicant should develop performance measures for tracking, measuring, and reporting its progress toward achieving the proposed outputs and outcomes, and describe them in their proposal.

The description of performance measures should include the following:

- Oversight of project partners, subgrantees, and/or contractors and vendors.
- Tracking and reporting project progress on expenditures, purchases, and other fiscal activities.
- Tracking and reporting actual accomplishments versus proposed outputs/outcomes and proposed timelines.
- Tracking and reporting project progress on installations/replacements by maintaining an accurate Project Fleet Description.



 Measuring and reporting on outcomes by maintaining an accurate Fleet Description Sheet and using the U.S. EPA's Diesel Emission Quantifier.

VIII. Budget Form

An editable version of the budget sheet can be accessed on the Michigan Clean Diesel Program Website at www.Michigan.gov/EGLECleanDiesel. Your budget must be completed and submitted on the correct form to fulfill the budget requirement of your proposal.

IX. Copy of Full Audit by Certified Public Accountant

Applicants requesting \$500,000 or more in grant dollars, must provide a copy of a full successful audit that was completed by a certified public accountant (CPA) within two years prior to application. Applicants requesting less than \$500,000 in grant funds are not required to submit a full audit or proof of a successful audit.

X. Fleet Data Spreadsheet (include with application)

An editable version of the Fleet Data Spreadsheet can be accessed on the Michigan Clean Diesel Program Website at www.Michigan.gov/EGLECleanDiesel.

XI. Letters of Commitment on Agency Letterhead (include with application)

Include letters of commitment from all project partners on the agency's letterhead.

XII. Previous Grant Experience

Using the table below, enter the information requested regarding past grant experience. Enter up to three examples.

Grant Experience Table

•	ant Expendince Table			
	Name of Previous Grant Project	Start and End Date of Grant	Name of Grantor/Agency	Grant Amount

XIII. Description of Administrative Abilities, Staff Expertise and Previous Project History

Describe previous administrative abilities, staff experience, and previous project history that would help in the administration of your proposed project.



Diesel Emissions Quantifier (DEQ)

Use the DEQ

The Diesel Emissions Quantifier (DEQ)

- · Provides an interactive, web-based tool for users with little or no modeling experience.
- Evaluates clean diesel projects and upgrade options for medium-heavy and heavy-heavy duty diesel engines.
- Estimates baseline emissions, reduced emissions, cost effectiveness for NOx, PM_{2.5}, HC, CO and CO₂, and PM-related health benefits.
- · Cannot provide estimates for Category 3 marine engines.
- May not be used for State Implementation Plans (SIPs) and Conformity. Consult your EPA Regional
 Office or SIP and Conformity guidance documents.

Helpline and Resources

DEQ Helpline: DEQhelp@epa.gov

You may need a PDF reader to view some of the files on this page. See EPA's <u>About PDF page</u> to learn more.

- NEW <u>DEQ Release Notes v. 6.0-8.2 (PDF)</u> (7 pp, 574 K, December 19, 2019)
- Truck Stop Electrification Facility: Emission Reduction Calculation (PDF) (1 pg, 121 K, June 5, 2017)
- <u>Hybrid Engine or Vehicle: Emission Reduction Calculation (PDF)</u> (1 pg, 78 K, June 5, 2017)
- Trailer Refrigeration Unit: Emission Reduction Calculation (PDF) (1 pg, 100K, June 5, 2017)
- <u>Diesel Emissions Quantifier Default Values (PDF)</u> (2 pp, 200 K, April 2017)
- Locomotive Idling Guidance
- Shore Power Technology Assessment at U.S. Ports
- <u>Diesel Emissions Quantifier Health Benefits Methodology (PDF)</u>
 (46 pp, 1 MB, August 11, 2010, EPA-420-B-10-034)

• https://cfpub.epa.gov/quantifier/ind ex.cfm?action=main.home





Fleet Data spreadsheet

d	A	=		U	
			2022 Project Title)	i
1			2022 Froject ritie		l
2					
Note: Similar engines may be grouped to	ogether or entered as separate engine				
groups.					
4					
5 Instruction	ons / Units	F	eet Information	Group 1	Group 2
6		Т	Group Name:		
7		1	Fleet Owner:		
8		1	Publicly or Privately Owned?:		
9		1	Group Type:		
10		1	Place of Performance		
11		1	-State(s):		
12		1	- County:		
13		1	- City:		
14		1	- Zip Code:		
15		1	Vehicle or Engine Group Sector:		
16		1	Target Fleet Type:		
17	Where Applicable		On Highway Weight Class:		
18	Where Applicable		On Highway Description:		
19		1_	Quantity:		
		ē	Vehicle Identification Number(s):		
20		- 2	Vehicle Make:		
21		-18	Vehicle Model:		
22		불	Vehicle Model:		
23		- 5	Engine Serial Number(s):		
24		냶			
25		-1≥	Engine Make:		
26		- 2	Engine Model:		
27		HR.	Engine Model Year:		
28	Nonroad and locomotive only	1 5	Engine Tier:		
29		1	Engine Horsepower:		
30	Liters per cylinde		Engine Cylinder Displacement:		
31	Number of Cylinders per engine	_	Engine Number of Cylinders:		
32	If unregulated, then NA	1	Engine Family Name:		
33		1	Engine Fuel Type:		
34	Gallons per year per engine	_	Annual Amount of Fuel Used:		
	ides idling hours; Nonroad and locomotive only		Annual Usage Hours:		
36	Miles per vehicle; On-Highway only	_	Annual Miles Traveled:		
37	Hours per engine; On-Highway only		Annual Idling Hours:		
	oer engine; Class 8 Long-Haul Combination only		Annual Hoteling Hours:		
Years per engine; Total number of years of Eliq	engine life remaining at time of upgrade action ible engines must have 3 years of remaining life	Ĺ	Remaining Life:		
40		Г	Year of Upgrade Action:		
41		1	Upgrade Type:		
42		1	Upgrade:		
43		Ę	Upgrade Cost Per Unit:		
44		먇	Upgrade Labor Cost Per Unit:		
45		MA	New Engine Model Year:		
	Many and and to an eximitation	.15	N F · T·		
Project C	On Highv	Vā	y, Nonroad, Locomotive	Marine Vessel #1	Marine Vessel #2



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MATERIALS MANAGEMENT DIVISION

MICHIGAN CLEAN DIESEL PROGRAM

BUDGET PROPOSAL FORM

App	licant	Name:	Your	name
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Project Name: Your project name

Tracking Code Number: TBD

_	EQUIPMENT, VEHICLE, OR ENGINE	QUANTITY	COST	% of FUNDING	GRANT AMOUNT	MATCH AMOUNT		TOTAL
\dashv	Vehicle or Equipment Replacement with CARB	QUARTITI	0001		ANIOUNT	 AMOON		IOIAL
							١.	
_	Certified Low NOx Engine	1.0	\$ 100,000.00	35.0%	\$ 35,000.00	\$ 65,000.00	\$	100,000.00
	Engine Replacement with CARB Certified Low NOx							
	Engine	1.0	\$ 100,000.00	50.0%	\$ 50,000.00	\$ 50,000.00	\$	100,000.00
	Vehicle or Equipment Replacement with Zero-tailpipe							
	Emission Power Source	1.0	\$ 100,000.00	45.0%	\$ 45,000.00	\$ 55,000.00	\$	100,000.00
	Engine Replacement with Zero-tailpipe Emission Power							
	Source	1.0	\$ 100,000.00	60.0%	\$ 60,000.00	\$ 40,000.00	\$	100,000.00
					\$ -	\$ -	\$	-
					\$ -	\$ -	\$	-
					\$ -	\$ -	\$	-
					\$ -	\$ -	\$	-

GRANT AND MATCH BUDGET

New engine model year (EMY) must be 2019 or newer (Drayage 2015 or newer)
Please see the Low-NOx Engine Factsheet found at www.epa.gov/dera/state for guidance on identifying engines certified to meet CARB's Optional Low NOx Standards.

Total

190,000.00 \$

210,000.00 | \$



400,000.00

Department of Environment, Great Lakes, and Energy

FY 2022 Michigan Clean Diesel Program Request for

Proposals Checklist for Proposal Submission In Appendix A in RFP

Grant Proposal Cover Sheet (page 1 of the proposal) signed by grant acceptance authority.
Complete Grant Project Proposal Template.
Budget Form
Applicants must provide a copy of a full successful audit that was completed by a certified public accountant (CPA) within two years prior to application.
Completed Fleet Description Spreadsheet.
Letters of Commitment.
Send a copy of the entire proposal and appendices by email: queeni1@michigan.gov

Proposals are due by email only by 5:00 p.m. on February 18, 2022. Proposals will not be accepted by fax.



- Allegan
- Berrien
- Genesee
- Kent
- Livingston
- Macomb
- Monroe

- Muskegon
- Oakland
- St. Clair
- Washtenaw
- Wayne
- Isle Royale National Park
- Seney Wilderness Area

Priority Counties

Funding is available statewide; however, EGLE is targeting projects in these priority counties and areas

These areas were identified as priority locations for the DERA program because they are designated as Nonattainment Areas or Maintenance Areas for the following National Ambient Air Quality Standards.



www.epa.gov/ejscreen

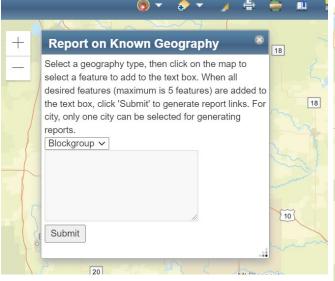
Launch the Tool

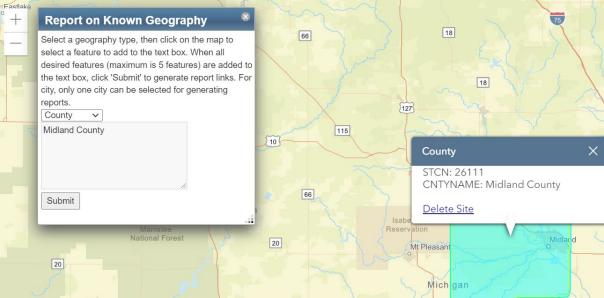


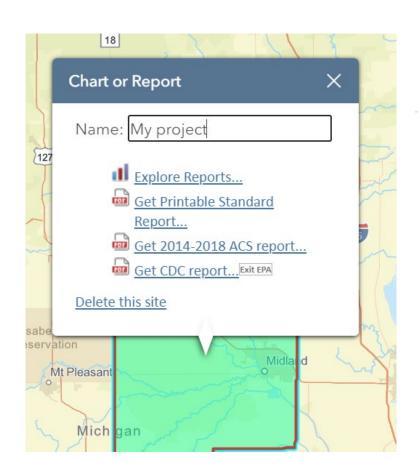
• Launch the EJSCREEN Tool



FPA EJSCREEN EPA's Environmental Justice Scree





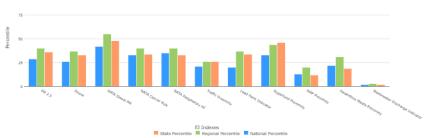




County: Midland MICHIGAN, EPA Region 5 Approximate Population: 83,389 Input Area (sq. miles): 528.07

EJ Index for the Selected Area Compared to All People's Blockgroups in the State/Region/US

EJ Index for Hazardous Waste Proximity
EJ Index for Wastewater Discharge Indicat



This report shows the values for environmental and demographic indicators and LISCRETA indicase. It shows entirely increased and process in the sirty, and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer seas compares to the entire state, EPA region, or raison. For example, if a given location is at the SRP percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer seas compares to the entire state, EPA region, or raison. For example, if a given location is at the SRP percentile each raw of the season of the percentile each raw of the each raw of the percentile each raw of the each raw of the percentile each raw of the each ra

Using the US EPA EJ Screen Tool

- 1. Go to www.epa.gov/ejscreen
- 2. Scroll down to 'Launch the Tool'
 - a. Click on '<u>Launch the</u> EJSCREEN Tool' link.
 - i. The + in the upper left corner will enlarge map to better view your location.
- 3. In the upper left toolbar, Click on Select Location, scroll down past second Select Location (don't click on this one) to choose Report on Known Geography
 - a. Select from the toolbar: Report on Known Geography and choose Block Group, County, City, or Tract from the Dropdown.

- 4. Click on your impact area on the map. (You can select more than one county, but only one city. Be patient when adding. It's slow!)
- 5. When you see the County, etc. that you selected highlighted in green on the map, and listed under Report on Known Geography
 - a. click "Submit."
- 6. Chart or Report Window will pop up.
 - a. Name your report, then
 - b. Click Get Printable StandardReport
 - c. Submit with your application



Proposal evaluation

- Best meets the grant objectives and program priorities, including program priority areas as outlined in RFP
- Diesel engine emissions reduction outputs, and outcomes, and cost effectiveness as calculated by the U.S. EPA Diesel Emissions Quantifier.
- Total cost of ownership for new vehicles and equipment.
- Ability to carry out the project as demonstrated by the applicant's staff expertise, experience, and qualifications
- Past grant performance

Proposal evaluation (cont'd)

Proposal should include:

- Clear narrative, work plan, timeline, and budget
- Complete targeted fleet description
- Overall diesel emissions reduction solution and approach
- Amount of match money the applicant and partners are willing to commit to the project
- Proof of financial stability of the grantee and partners (audit if selected)
- Projects that can be completed by August 2023.*
- *Supply chain issues can in some cases be accommodated

Application by email only

- Proposals are due by 5:00 p.m. on February 18, 2022 and need to be sent in a complete pdf. by email to queeni1@michigan.gov.
- Subject line: Clean Diesel 2022
- No mail or overnight applications will be accepted.
- Direct questions to Irene Queen at <u>queeni1@michigan.gov</u>

ZERO-EMISSION TECHNOLOGY INVENTORY





SELECT A VEHICLE PLATFORM



















SELECT A REGION

SELECT A VEHICLE MANUFACTURER





 Global Commercial Drive To Zero Program — Zero-Emission Technology Inventory (globaldrivetozero.org)

In Addition: Fuel Transformation Program

The Michigan Department of Environment, Great Lakes, and Energy (EGLE) provides grants through Michigan's Fuel Transformation Program (FTP) supported with Michigan's allocation of Volkswagen settlement funds.

For **Fuel Transformation Program Part 2** - \$9 million is allocated for freight switchers, Great Lakes ferries and tugs, and shore power. EGLE will accept project proposals for these projects beginning February 23, 2022 through Sept 23, 2022. Application materials will be posted at EGLE - Fuel Transformation Program (michigan.gov)

For more information contact:

Debra S. Swartz, Environmental Quality Specialist

Phone: 517-582-1578

swartzd@michigan.gov



EGLE Clean Diesel Website:

www.Michigan.gov/EGLECleanDiesel

Contact:

For more information

Irene Queen, EGLE, Sustainability Section

Materials Management Division,

517-420-3230

queeni1@michigan.gov

